

Title (en)  
**BRAKING FORCE MODULATOR**

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**EP 0140862 A3 19851227 (EN)**

Application  
**EP 84850332 A 19841029**

Priority  
• SE 8305977 A 19831031  
• SE 8702976 A 19870727

Abstract (en)  
[origin: EP0140862A2] The present invention refers briefly to a braking force modulator for anti-lock pneumatic brakes for vehicles having a hydraulic circuit for the anti-lock function. Sensors sensing the state of rotation of the wheels, emit signals for controlling at least one modulator valve (34) which depending on these signals modulates the pressure in one or more counter-pressure cylinders (27). A closing valve is inserted into the pressurized-air conduit (4) between the control valve (5) for the brake operated by the driver and one or more bracking cylinders (8) and this closing valve closes the pressurized-air supply to the braking cylinder or cylinders (8) subsequent to a sensor signal ordering release of the brakes. A release valve is inserted into the pressurized-air conduit (4) between the closing valve and the braking cylinder or cylinders (8) for discharging pressurized air therefrom if the ability of the pressure producer (13, 26) for the hydraulic fluid pressure and of the counter-pressure cylinder (27) to continue the release of the brake is exceeded.

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IPC 8 full level  
**B60T 8/40** (2006.01)

CPC (source: EP)  
**B60T 8/4009** (2013.01); **B60T 8/4031** (2013.01)

Citation (search report)  
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